

# • COLORADO RIVER • AQUEDUCT NEWS

THE METROPOLITAN WATER DISTRICT



OF SOUTHERN CALIFORNIA

VOLUME XXIV

NOVEMBER, 1957

NUMBER 11

## District Board and Staff Members Inspect Coastal Routes for Feather River Project

An inspection party, including a large number of District directors, staff members of the District and of the Department of Water Resources, and two members of the State Legislature recently made a three-day tour of possible coastal routes for the Feather River Project.

The objective of the tour was to familiarize the District directors and staff members with the physical conditions along the alternative aqueduct routes being considered by the Department of Water Resources in making engineering

studies and determinations of the most economical route or routes for conveyance of Feather River Project water to Southern California.

Board members making the trip included Lynndon L. Aufdenkamp, Robert E. Austin, Howard Boylan, Warren W. Butler, Ransom W. Chase, Samuel J. Crawford, Milo Dellmann, W. C. Farquhar, Irwin E. Farrar, Floyd E. Fischer, Nelson Hayward, Fred A. Heilbron, Richard S. Holmgren, Morris S. Jones,

(Continued on Page Two)

## Chairman Jensen Addresses Legislative Water Committee

Suggestions concerning the financing of the Feather River Project and other State water projects, and recommendations relating to policies and provisions that ought to be set forth in an Area of Origin Constitutional Amendment were placed before two legislative groups in November by Chairman Joseph Jensen of the District's Board of Directors.

On November 13, Chairman Jensen appeared before the Joint Subcommittee on Financial and Economic Policy for

(Continued on Page Three)



Shown above are most of the members of an inspection party, including a large number of District directors, staff members of the District and of the Department of Water Resources, and two members of the State Legislature, who recently made a three-day tour of possible coastal routes for the Feather River Project. Purpose of trip was to acquaint

District directors and personnel with the physical conditions of routes being studied. Not in this picture is General Manager and Chief Engineer Diemer who was taking a picture of his own, and Executive Secretary Gram who took this picture. The tour was made by bus October 25-27.



• COLORADO RIVER •  
**AQUEDUCT NEWS**  
THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

306 West Third Street  
 Los Angeles, California

Published monthly in the interest of Field and Office Workers on the Colorado River Aqueduct, and for the information of all other citizens of the Metropolitan Water District.

Vol. XXIV November, 1957 No. 11

## Feather River Routes

(Continued from Page One)

Lloyd C. Leedom, A. C. Reynolds, George W. Stevens, Hugh W. Stiles, Gus A. Walker and Victor H. York.

Senator John A. Murdy, Jr. and Assemblyman Carley V. Porter, both members of the Southern California Coordinating Committee of the State Legislature, accompanied the party part of the way.

District officers and staff members included Robert B. Diemer, Robert A. Skinner, A. L. Gram, Don J. Kinsey, Harris V. Crawshaw, Rufus Fee and James A. Hoschouer. Members of the Department of Water Resources staff on the tour included M. J. Shelton, Deputy Director; Max Bookman, District Engineer; Lucian J. Meyers, Supervising Hydraulic Engineer; John W. Marlette, Senior Engineering Geologist; Robert M. Edmonston, Principal Hydraulic Engineer; Edward E. Jackson, Senior Hydraulic Engineer; Paul E. Hood, Associate Hydraulic Engineer and Richard E. Angelos, Assistant Hydraulic Engineer.

The party left the District garage by bus on the morning of October 25 and proceeded north on Highway 99 through Castaic Junction, Gorman and Grapevine. On this leg of the trip, the party stopped to view possible reservoir sites on Castaic Creek and at Quail Lake, which are being considered in connection with "highline" routes to Southern California.

At the junction of Highway 33 the party stopped for lunch at Mettler Station and then proceeded westerly. Continuing west and north on Highway 33 the group passed through Maricopa, Taft, Fellows, McKettrick and Blackwells Corner to Devil's Den near the Las Perillas Reservoir site, where all of the coastal routes under study would commence. At the various stops along the way, Department of Water Resources staff members held informal discussions

on the studies which have been made and the problems encountered.

The party then drove northwesterly on Highway 466 through Polonio Pass, viewing the pumping plant sites for the various coastal routes being studied. They then continued westerly through Shandon to the Paso Robles Inn where they spent the night.

On October 26 the inspection group departed from Paso Robles on Highway 41, turning off in a southerly direction and viewing the general terrain to be traversed by the various routes being studied. From there they proceeded to the Carrizo Plain, which is crossed by one of the higher lift coastal routes.

Upon leaving Carrizo Plain, the group drove back westerly to Atascadero and thence on to Highway 101 to an observation point near Cuesta Pass and then to San Luis Obispo for lunch. Following lunch, the party proceeded to Santa Barbara through the Santa Maria and Santa Ynez valleys. On the way they viewed the tunnel locations through the Santa Ynez Mountains.

After spending the night in Santa Barbara, the inspection party drove to Santa Paula through Montecito and over Casitas Pass, noting construction work under way on the Casitas Reservoir which will furnish supplemental water for Ventura and adjacent areas.

Following lunch in Santa Paula the group returned to Los Angeles, stopping westerly of Calabasas to visit the Las Virgenes Reservoir site.

## San Bernardino Vote

At a special election held on November 26, voters in the San Bernardino Valley Municipal Water District cast a majority vote in opposition to the annexation of that area to the Metropolitan Water District. The election was called by the San Bernardino area after representatives from that territory appearing before the District Board of Directors requested permission to submit the proposition of annexation to the voters. Metropolitan Water District representatives did not participate in arguments for or against the proposal.

On the basis of unofficial returns, the vote on the proposition was 17,866 Yes and 28,150 No.

The Chino Basin Municipal Water District, which is entirely within San Bernardino County, has been a part of the Metropolitan Water District since November 26, 1951. It includes the cities of Ontario, Chino, Upland, Monte Vista and Fontana, and a large unincorporated territory; it has an area of 154,560 acres and an assessed valuation of \$226,123,220.

## For the RECORD

(The following items are noted from the report of General Manager and Chief Engineer Robert B. Diemer, filed November, 1957, covering District operations for October, 1957.)

**Colorado River** — The water surface elevation at Lake Mead dropped approximately one foot during the first half of October, then rose irregularly to October 27 for a net gain of 0.27 feet, but releases for power were nearly doubled the last four days of the month resulting in an overall net rise for October of 0.07 feet to elevation 1182.59 feet and a storage content of 21,531,000 acre-feet. The average rate of discharge from Hoover Dam for October 1 to 27 inclusive was 10,665 cfs and from October 28 to 31 inclusive was 17,700 cfs.

**Pumping and Power** — Hayfield pumping plant delivered 52,290 acre-feet of Colorado River water in October. Pumping was continuous throughout the month with 4 pumps operating constantly and the 5th pump operating about 8 hours each day. The District's share of Parker energy was 17,410,828 kwhrs, all of which was used in the District's system. Peak delivery to and from Edison Company was 77,000 kw and 125,000 kw respectively.

**Weymouth Softening and Filtration Plant** — Colorado River water was softened from 353 to 127 ppm of hardness at an average rate of 216 cfs during October. The daily rate of flow varied from 173 to 293 cfs. A total of 13,083 acre-feet of water was treated during the month.

**Construction** — Progress on construction work on the distribution system was as follows: Schedules 56SC and 57SC (Middle Feeder) the contract is 97 percent complete; Schedules 58SC and 59SC (Middle Feeder) the contract is 94 percent complete; Schedule 59A-P (Middle Feeder) the contract is 92 percent complete; Schedules 62P, 63P and 64P (Culver City Lateral) the contracts are 11 percent, 16 percent and 65 percent complete respectively.

**Pumping Plant Expansion** — On installation of Pumping Unit 6 the contract is 69 percent complete. The contract on Pump Delivery Line No. 3 is 13 percent complete.

**Siphon work on the main aqueduct—Earp to Whitewater**—Contracts No. 669 and 672: The combined contracts are 28 percent complete.

**Purchasing** — Total expenditures covered by 454 purchase orders and 8 agreements were approximately \$116,429.





A large number of local, county, state and national officials gathered at the District's Softening and Filtration Plant on November 8 to attend ceremonies dedicating a new pipeline which will deliver one hundred million gallons of Colorado River water daily to the Pomona, Walnut and Rowland areas. Looking down at the valve connection for the new line are, left to right, District Director Hugh W. Stiles, General Manager

and Chief Engineer Robert B. Diemer, Edmund Airey, representing Walnut, James S. Baker, representing Pomona, Congressman Patrick J. Hillings, John Rowland, Jr., representing Rowland, Everett A. Philips, Administrative Officer of the P-W-R Water Line Commission, and Warren W. Butler, Vice Chairman of the District Board of Directors. The new line will deliver soft and filtered water.

## Dedication Ceremonies Mark Completion of New Pipeline

Softened and filtered Colorado River water began flowing to homes and industries in the Pomona, Walnut and Rowland areas on Friday, November the 8th. The coming of this new water supply to these rapidly growing areas was marked by dedication ceremonies for a new \$1,500,000 pipeline with a capacity of one hundred million gallons daily. At 2:30 P.M. the valve opening the new connection was turned on at the Metropolitan Water District's softening and filtration plant in La Verne.

Congressman Patrick J. Hillings was the principal speaker at the dedication ceremonies which was attended by local, county, state and national officials. Among those attending were Robert B. Diemer, General Manager and Chief Engineer of the Metropolitan Water District; Warren W. Butler, Vice Chairman of the District Board of Directors; Hugh W. Stiles, Metropolitan Water District Director representing the Pomona Valley Municipal Water District; and Max Bookman of the State Department of Water Resources. A noon luncheon at the Pomona Country Club preceded the dedication.

The pipeline originates at the Metropolitan Water District softening and filtration plant and extends through La

Verne, across the Pomona Country Club to Pomona's reservoir number 8, and then westerly along Ganesha Boulevard and the San Bernardino Freeway. It crosses the Cal-Poly campus to the Walnut Valley reservoir and continues westerly to the Rowland Area Water District. The line is eight miles in length and varies in size from 60 inches to 36 inches in diameter.

## Chairman Jensen

(Continued from Page One)

State Water Projects. On November 19, he testified before the Joint Interim Committee on Water Resources Development Problems.

Chairman of the Joint Subcommittee on Financial and Economic Policy for State Water Projects is Assemblyman Carley V. Porter, of Compton. This is a subcommittee of the Joint Interim Water Problems Committee of the Legislature. It was appointed to make recommendations to the Legislature concerning the policies to be pursued in financing the Feather River Project and other State water projects. Chairman Jensen placed before this Committee the ten fundamental conditions which the District Board of Directors has approved as essential to the development of a sound financing policy of State water projects. These ten financing conditions were carried in the August issue of the *Aqueduct News*. He further placed be-

fore the Subcommittee the two essential financial elements which the District Board believes to be needed in a Constitutional Amendment dealing with State water rights. These are two of the four Constitutional Amendment principles which have been approved by the District Board.

The two financial principles are:

1. Contracts for permanent service for the delivery of water from State projects must be firm and protected against impairment by future legislative acts.

2. Before embarking upon a State project there should be assurance of ability to finance that project to completion, and provision should be made for repayment by the users of all costs determined by the Legislature to be reimbursable.

In his testimony before the Joint Interim Committee on Water Resources Development Problems Chairman Jensen stated in part:

"We regard the Feather River Project as the first project to be undertaken by the State. The Director of Water Resources is now diligently carrying forward engineering and economic studies to determine, in detail, the feasibility of this project and we favor the pushing forward of these studies to the end that these determinations may be made without undue delay."



# NEWS FROM FIELD AND OFFICE



Ed Koch—Died November 13

Old time "aqueducters" were saddened this month to hear of the death of Ed Koch who passed away of a heart attack on November 13. Ed first started working for the District as a carpenter in August, 1933 and was responsible for the direction and supervision of the construction of various parts of the Aqueduct and distribution system until it was completed in its initial development in 1941. From that date until his retirement in May 1952 he was on various work on the maintenance and operation of the system and on the expansion of the Softening and Filtration Plant. He held the job of Maintenance Mechanic at the time of his retirement.

Walter Winzell, former Photographer-Blueprinter with the District, who resigned in March, 1946 to raise avocados and lemons near Fallbrook, is a proud grandfather for the first time. His daughter, Barbara, now the wife of Lt. (j.g.) Michael E. Thurman, gave birth to a baby boy at Mercy Hospital in San Diego on May 20. The young man weighed 6 pounds, 10 ounces and has been named David Bryan.

The 1957-58 Community Chest Campaign has already resulted in pledges amounting to more than \$4000 from District employees with a number in the field yet to be heard from, according to Unit Chairman Rufus Fee. This means that thus far over 75 per cent of the District employees have made their contributions or pledges. A final report will be given in the next issue of the Aqueduct News.

A recent visitor to the District's Los Angeles office was Alan Patten who retired from the District on August 1 of this year after more than 27 years of service. Prior to joining the District Alan attended the University of Southern California Law School and served in the U. S. Army in World War I.

From 1924 to 1929 he served as a Deputy City Attorney and as Assistant City Attorney for Los Angeles. Alan joined the District on May 2, 1930 as an Attorney. On July 1, 1947 he was named a Deputy General Counsel, the position he held at the time of his retirement. During his years of service, Alan worked primarily with bonds and contracts and performed legal services in connection with personnel retirements.

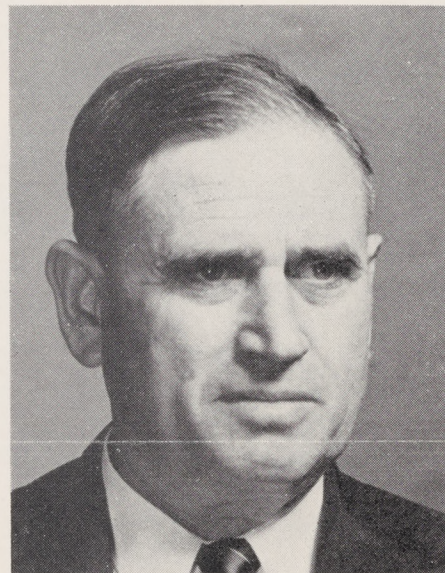
He has found numerous things to keep him busy in his own retirement, including a trip to Sequoia National Park. He is now planning an auto trip to Mexico City in December.

\* \* \*

Janet L. Sakima, Utility Clerk in the Purchasing Division, became the bride of Kenneth M. Umemoto on September 28, at 8:30 p.m. in the Church of the West at Las Vegas, Nevada. Janet was attended by Margie Hamamura, maid of honor. William Tahata served as best man. A reception for the couple's many friends was held a week later at the former home of the bride. At present Janet's husband is attending City College, where he is majoring in electrical engineering.



Janet L. Sakima and her bridegroom, Kenneth M. Umemoto, are shown at the time of their wedding in Las Vegas.



Colin Monaghan—Died October 31

Colin Monaghan, Engineering Aide on Construction-Design, passed away of a heart attack on October 31. His sudden death was a severe shock to his District friends. Colin first came to work for the District in March 1929 as a chainman. He worked in various capacities during the construction of the Aqueduct and on the distribution system. In 1942 he resigned from the District to accept another position. In March 1947 he returned to the District and in 1952 was made an Engineering Aide, the position he held at the time of his death.

\* \* \*

Two of the five Employee Association Groups have held elections recently to select their officers and Board members for the coming year.

In Group One, William Bowlby has been elected President and Loren H. Dwyer, Secretary-Treasurer. Other Board members are Rudy Fernandez and M. G. Smedegaard. In Group Two, Albert Rupert is the new President and Albert Hovanec is Secretary-Treasurer. The other members of the Board are Fred Chapman and William Meglen. The other three Groups will hold their elections in the near future.

\* \* \*

The District's Christmas Party will be held at the Pomona Valley Country Club on December 19, starting at 7:00 P.M. The tickets are \$3.50 per person and reservations may be made by calling Marion Shafer, Charles Morrison or Marvin Stephens. Music will be by the Aristocrats.